FIGURE 1

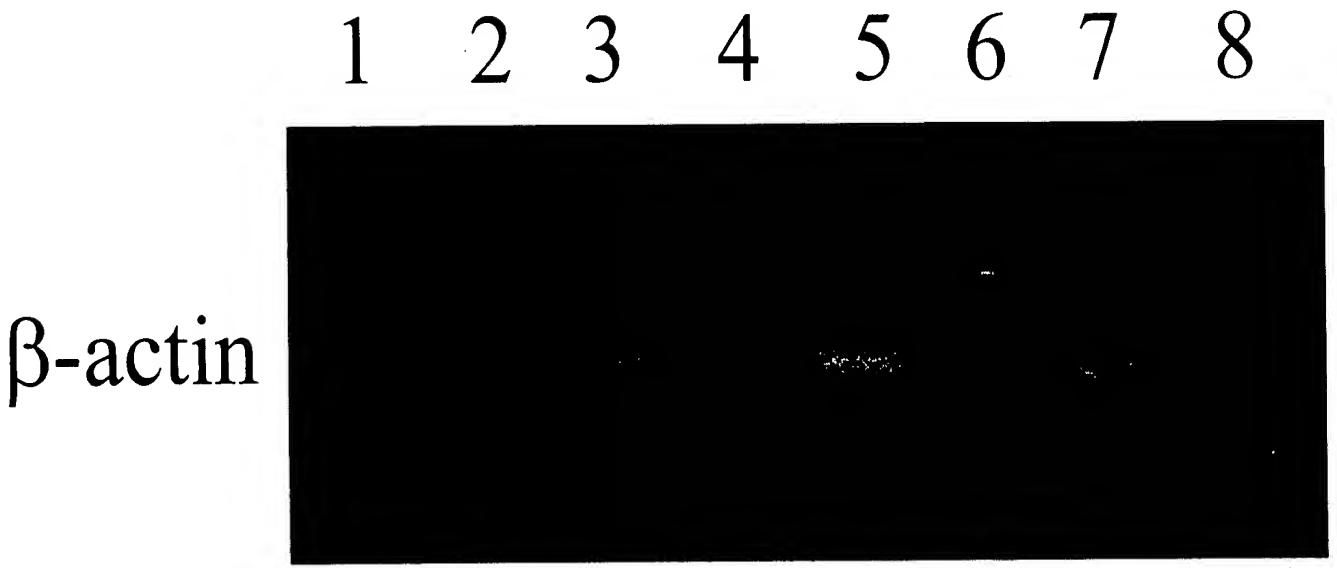
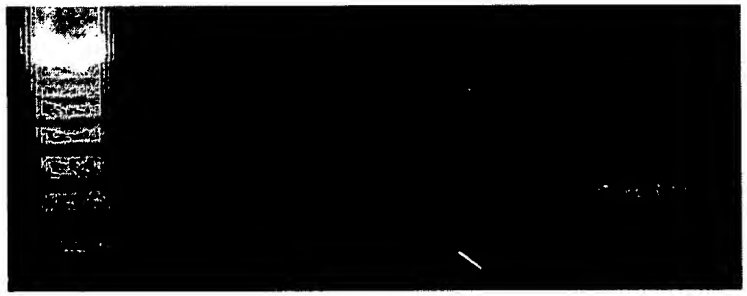


FIGURE 2

1 2 3 4 5



IL-10

FIGURE 3

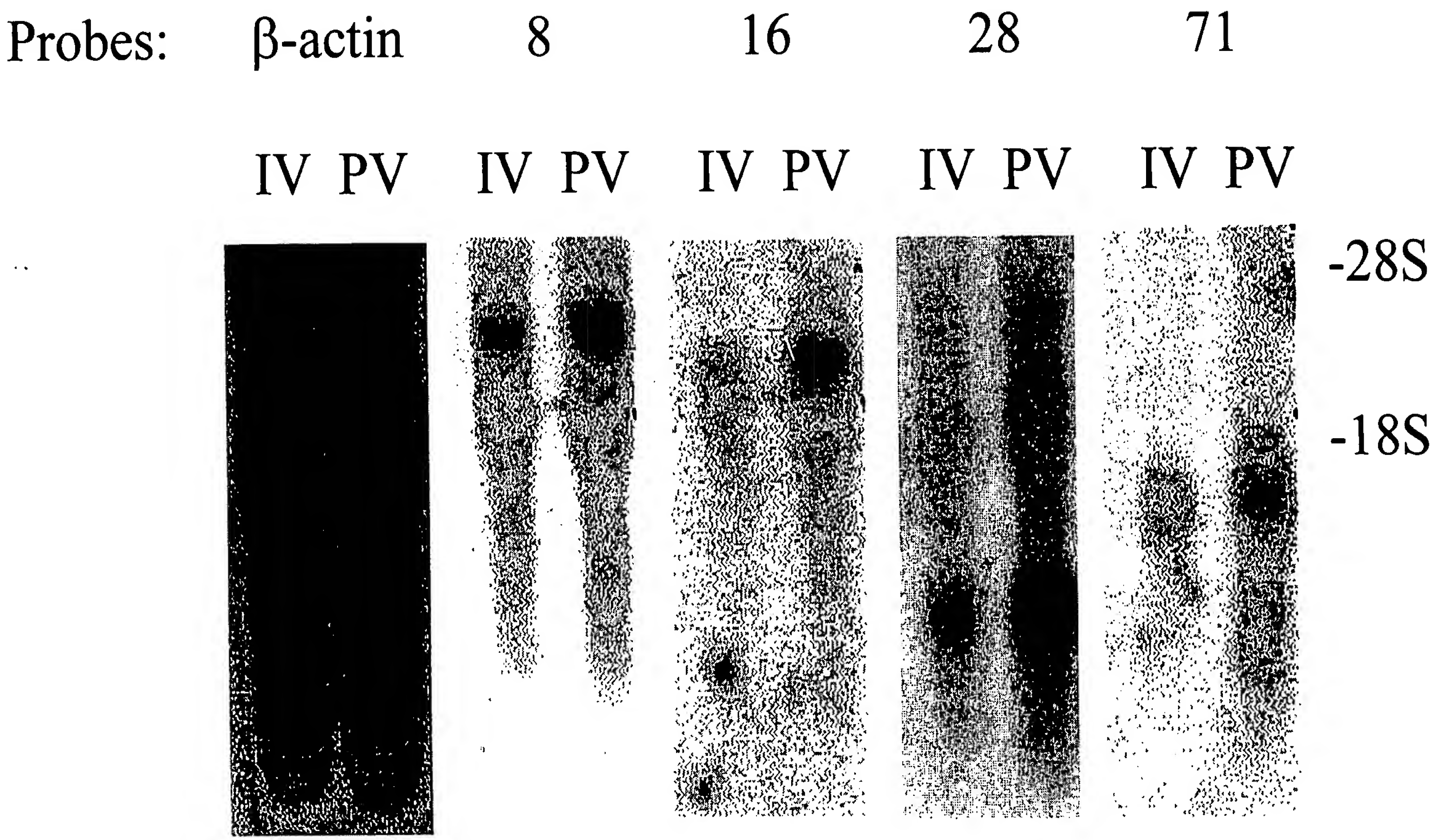


FIGURE 4

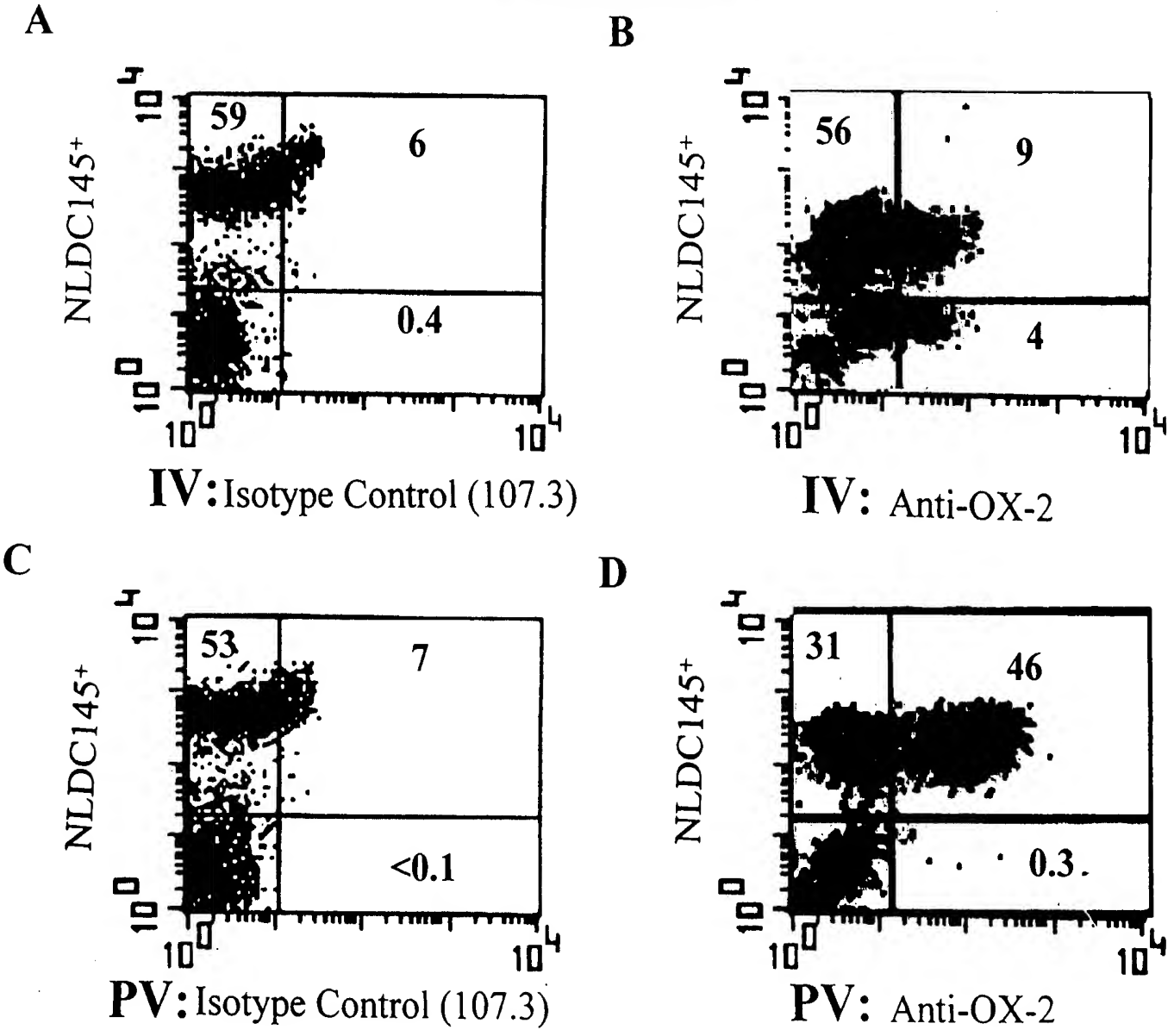


FIGURE 5A

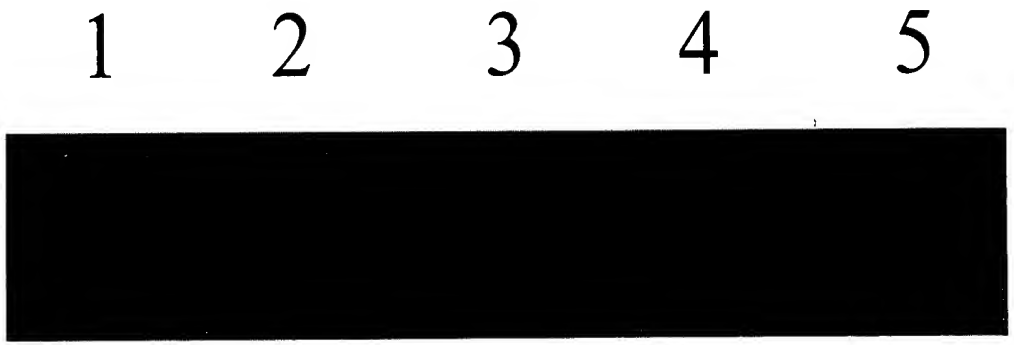


FIGURE 5B

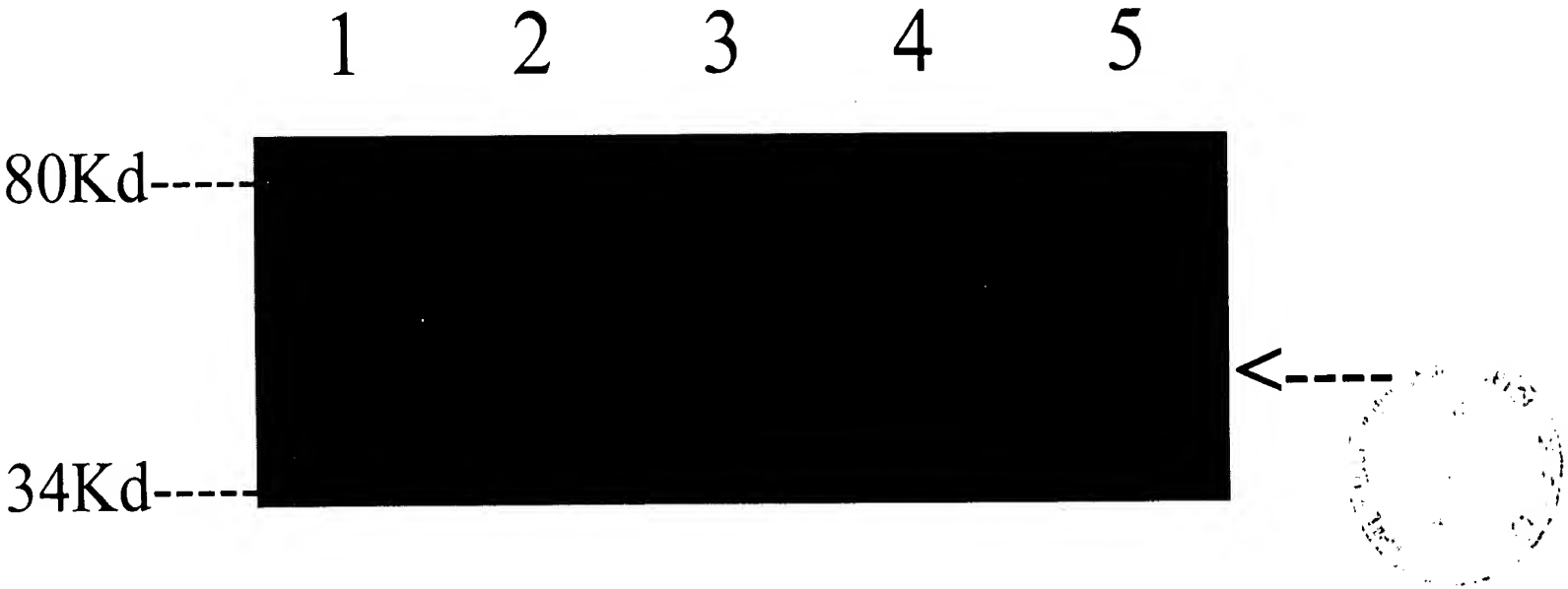


FIGURE 6

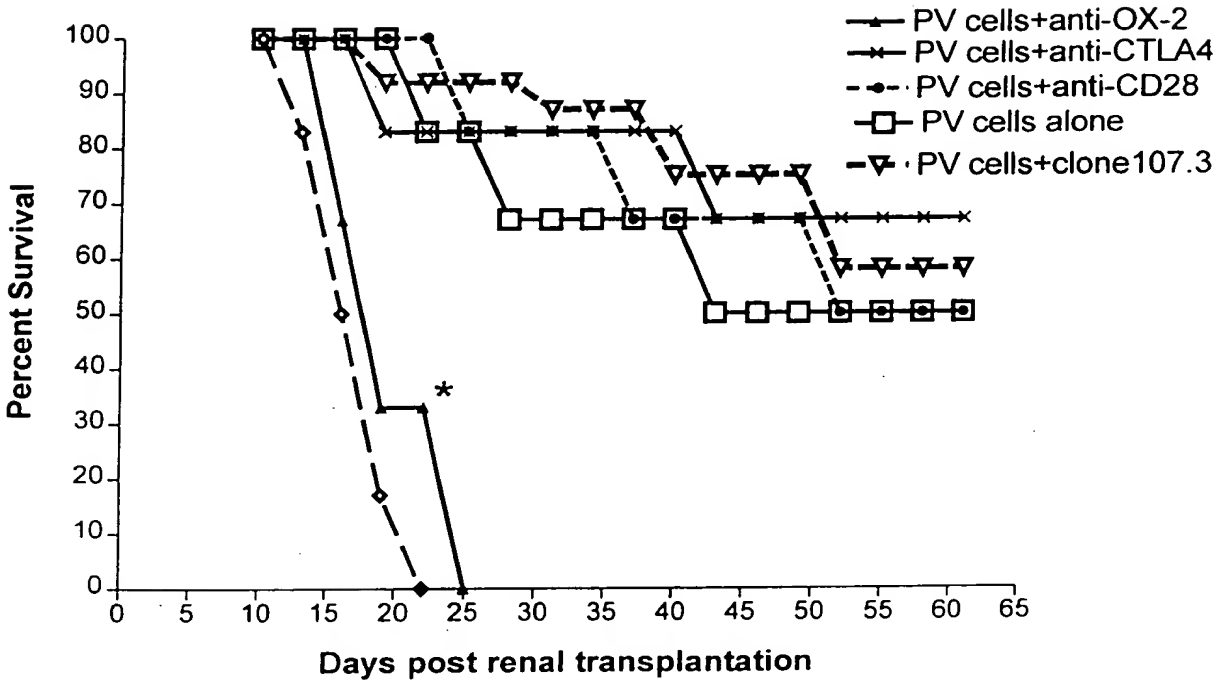

PV cells+anti-OX-2
PV cells+anti-CTLA4
PV cells+anti-CD28
PV cells alone
PV cells+clone107.3
Percent Survival
Days post renal transplantation
100
90
80
70
60
50
40
30
20
10
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
*

FIGURE 7

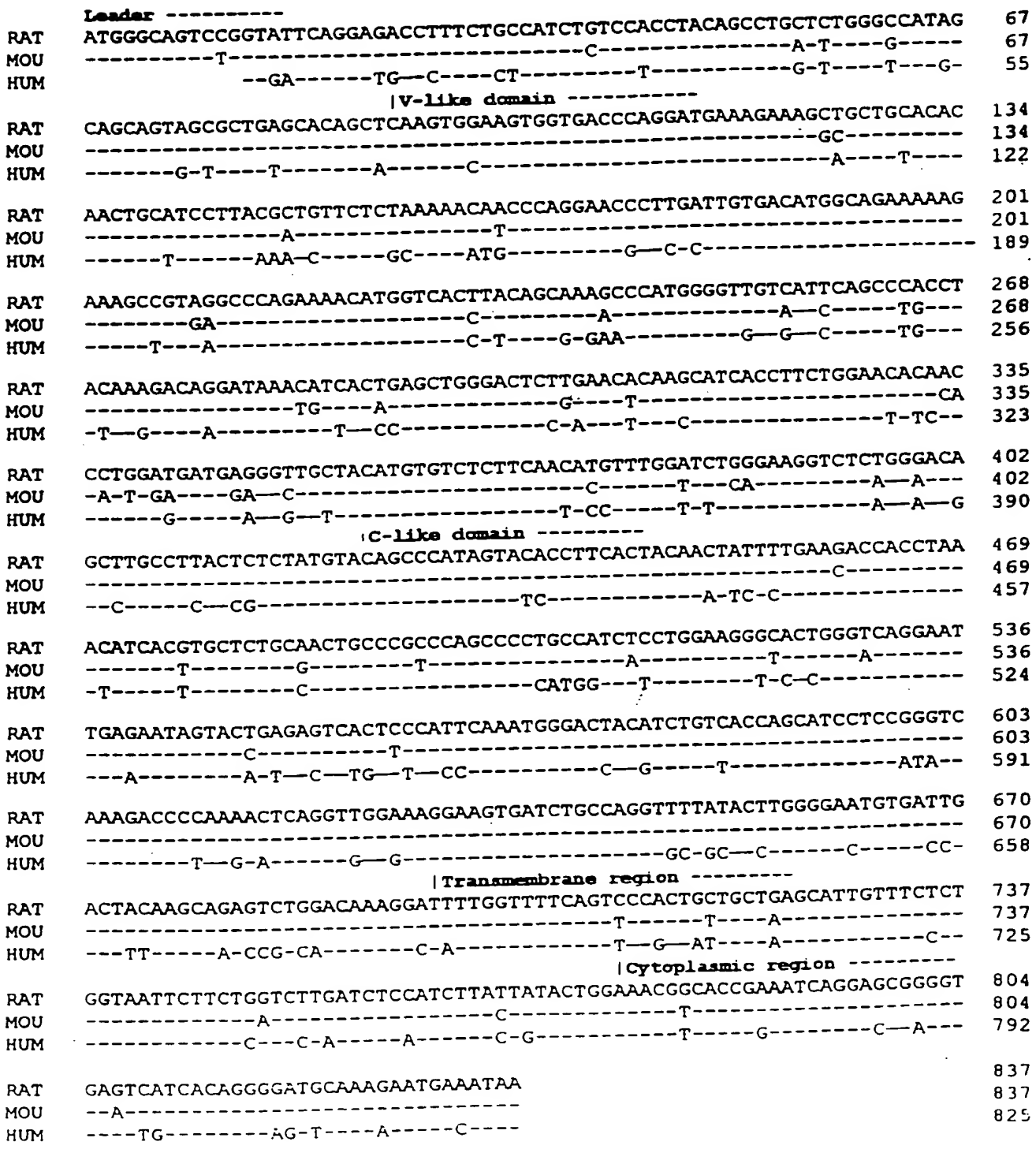
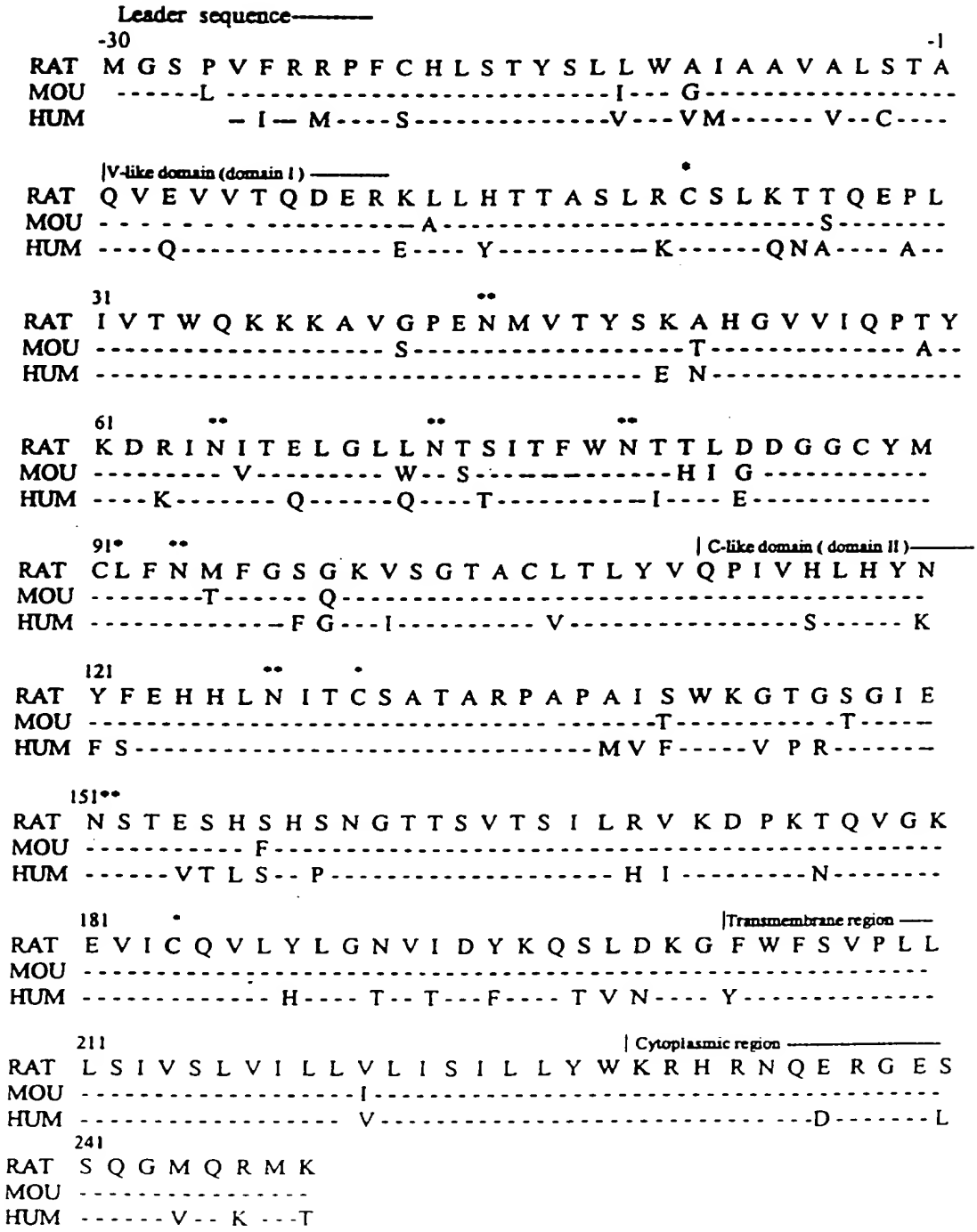
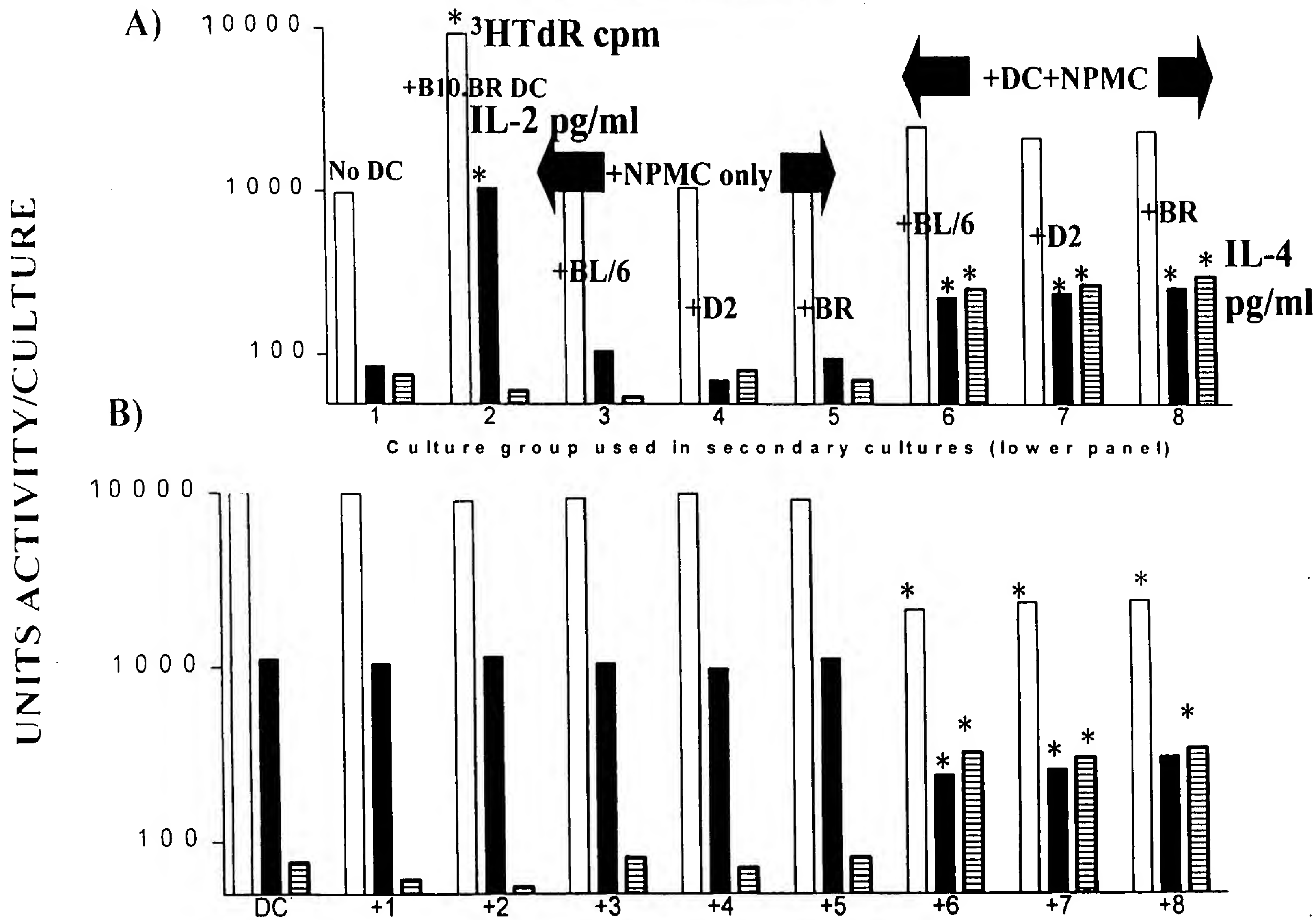

Leader ----------
RAT ATGGGCAGTCCGGTATTCAGGAGACCTTTCTGCCATCTGTCCACCTACAGCCTGCTCTGGGCCATAG 67
MOU ----------T----------C----------A-T----G----- 67
HUM --GA------TG--C----CT---------T----------G-T----T---G- 55
|V-like domain ----------
RAT CAGCAGTAGCGCTGAGCACAGCTCAAGTGGAAGTGGTGACCCAGGATGAAAGAAAGCTGCTGCACAC 134
MOU ----------GC--------- 134
HUM -------G-T----T-------A------C----------A----T---- 122
RAT AACTGCATCCTTACGCTGTTCTCTAAAAACAACCCAGGAACCCTTGATTGTGACATGGCAGAAAAAG 201
MOU ----------A----------T---------- 201
HUM ------T------AAA-C-----GC----ATG---------G--C-C---------- 189
RAT AAAGCCGTAGGCCCAGAAAACATGGTCACTTACAGCAAAGCCCATGGGGTTGTCATTCAGCCCACCT 268
MOU --------GA----------C---------A----------A--C-----TG--- 268
HUM -----T---A----------C-T----G-GAA---------G--G--C-----TG--- 256
RAT ACAAAGACAGGATAAACATCACTGAGCTGGGACTCTTGAACACAAGCATCACCTTCTGGAACACAAC 335
MOU ----------TG----A----------G----T----------CA 335
HUM -T--G----A---------T--CC----------C-A---T---C----------T-TC-- 323
RAT CCTGGATGATGAGGGTTGCTACATGTGTCTCTTCAACATGTTTGGATCTGGGAAGGTCTCTGGGACA 402
MOU -A-T-GA----GA--C----------C------T---CA---------A--A--- 402
HUM ------G-----A--G--T----------T-CC-----T-T----------A--A--G 390
|C-like domain ---------
RAT GCTTGCCTTACTCTCTATGTACAGCCCATAGTACACCTTCACTACAACTATTTTGAAGACCACCTAA 469
MOU ----------C--------- 469
HUM --C-----C--CG----------TC----------A-TC-C---------- 457
RAT ACATCACGTGCTCTGCAACTGCCCGCCCAGCCCCTGCCATCTCCTGGAAGGGCACTGGGTCAGGAAT 536
MOU -------T--------G--------T----------A----------T------A------- 536
HUM -T-----T--------C----------CATGG---T--------T-C-C---------- 524
RAT TGAGAATAGTACTGAGAGTCACTCCCATTCAAATGGGACTACATCTGTCACCAGCATCCTCCGGGTC 603
MOU ----------C----------T---------- 603
HUM ---A--------A-T--C--TG--T--CC----------C--G-----T----------ATA-- 591
RAT AAAGACCCCAAAACTCAGGTTGGAAAGGAAGTGATCTGCCAGGTTTTATACTTGGGGAATGTGATTG 670
MOU ---------- 670
HUM --------T--G-A------G--G----------GC-GC--C------C-----CC- 658
|Transmembrane region ---------
RAT ACTACAAGCAGAGTCTGGACAAAGGATTTTGGTTTTCAGTCCCACTGCTGCTGAGCATTGTTTCTCT 737
MOU ----------T------T----A---------- 737
HUM ---TT-----A-CCG-CA-------C-A----------T--G--AT----A----------C-- 725
|Cytoplasmic region ---------
RAT GGTAATTCTTCTGGTCTTGATCTCCATCTTATTATACTGGAAACGGCACCGAAATCAGGAGCGGGGT 804
MOU ----------A----------C----------T---------- 804
HUM ----------C---C-A-----A------C-G----------T-----G--------C--A--- 792
837
RAT GAGTCATCACAGGGGATGCAAAGAATGAAATAA 837
MOU --A---------- 825
HUM ----TG--------AG-T----A-----C----

FIGURE 8



* invariant cysteine residues; ** invariant asparagine (N-linked oligosaccharides)

FIGURE 9



CELLS added to C57BL/6 RESPONDER SPLEEN CELLS

FIGURE 10

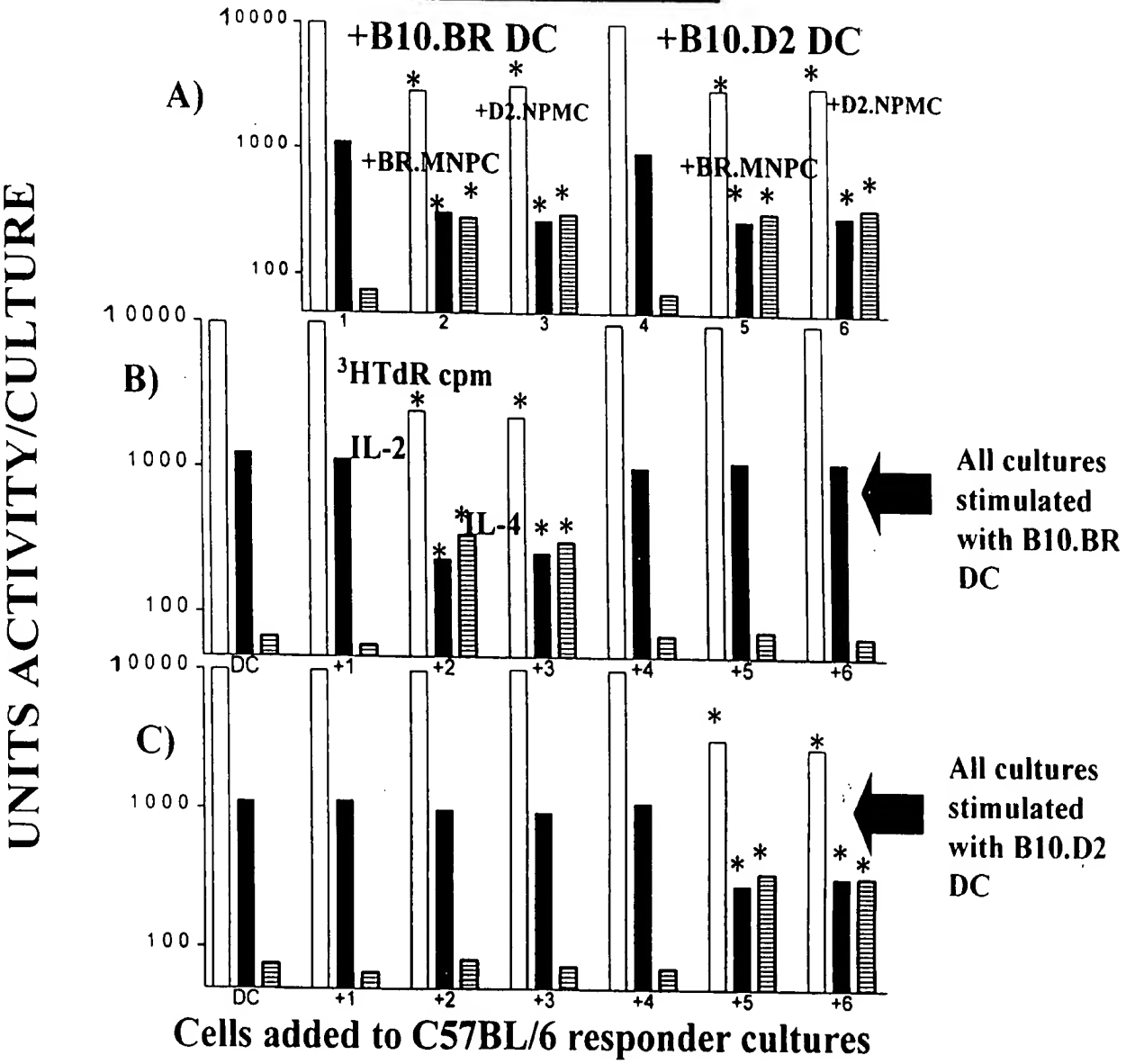


FIGURE 11

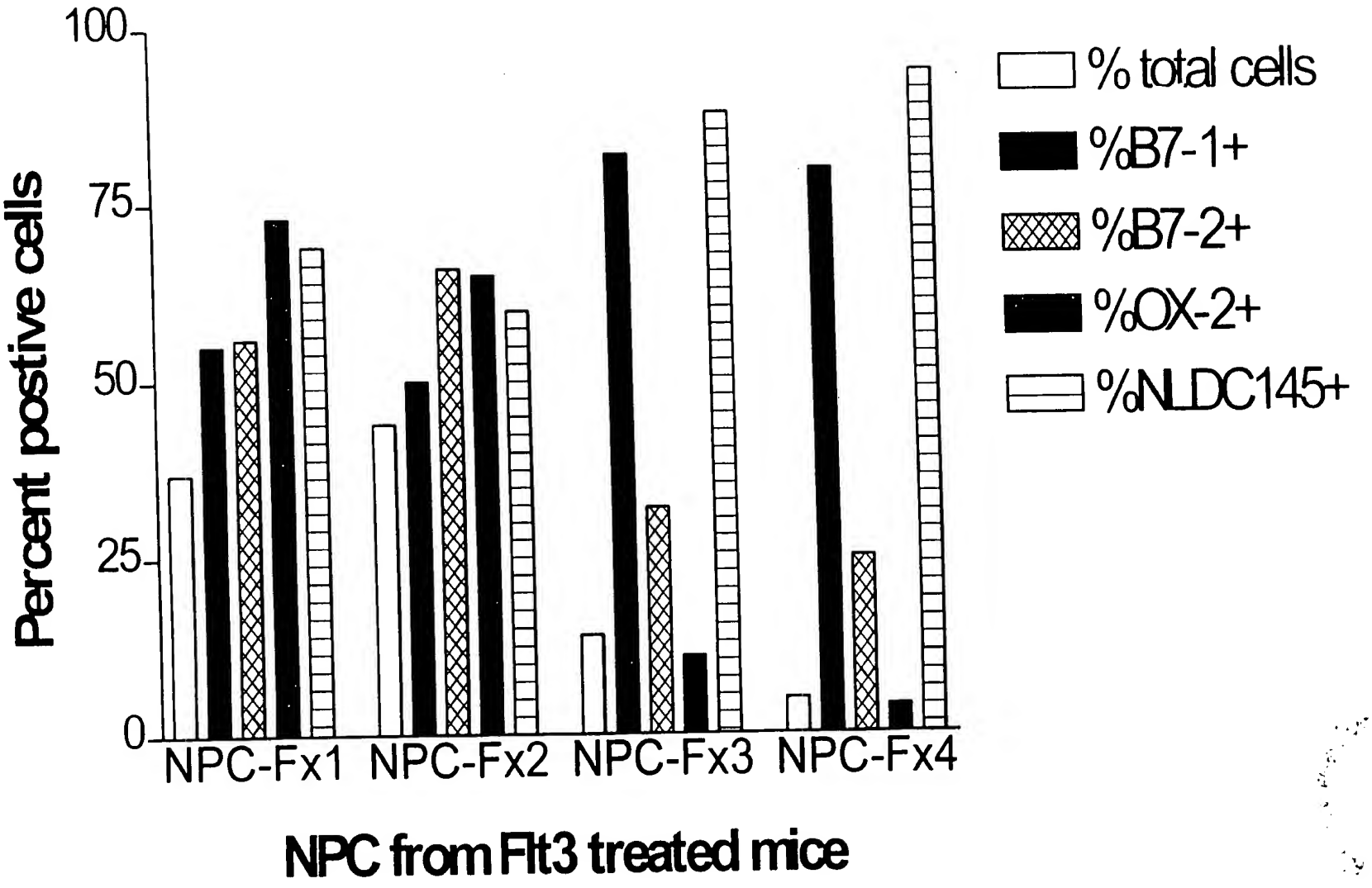


FIGURE 12

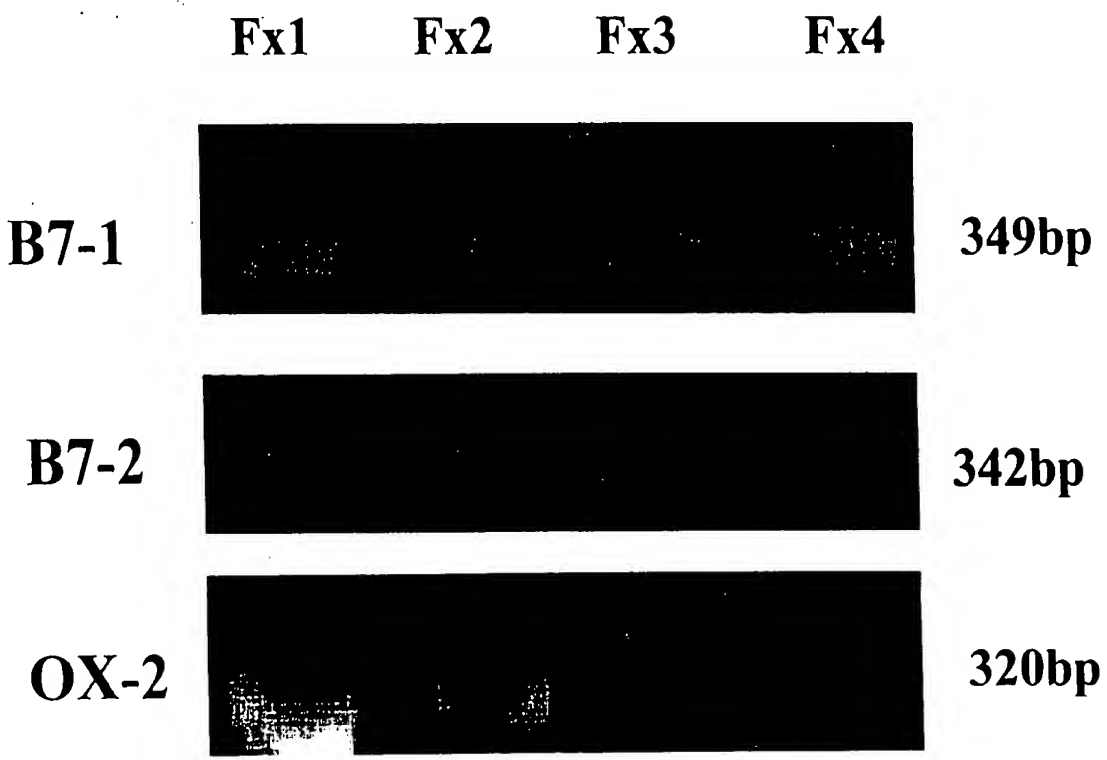


FIGURE 13

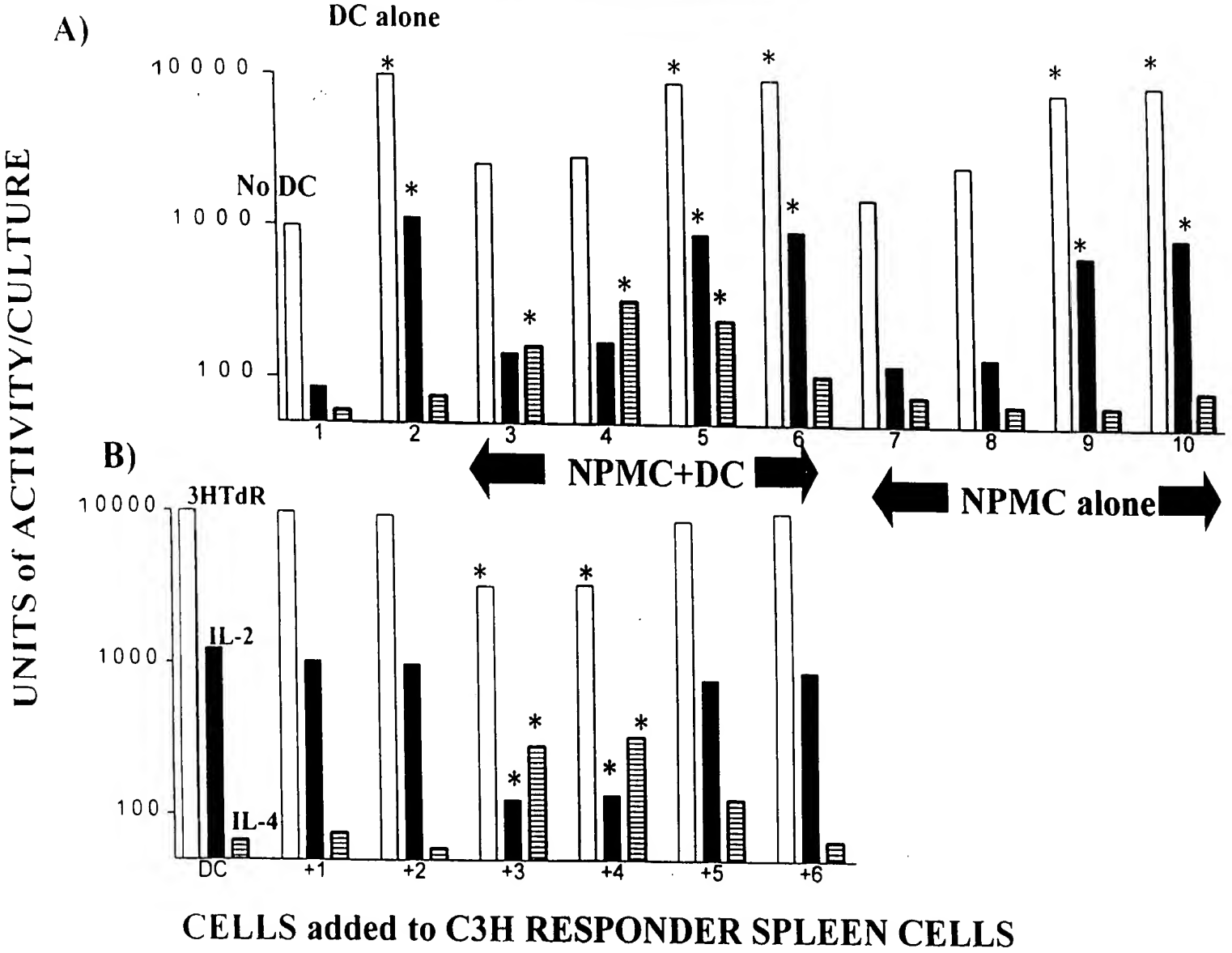


FIGURE 14

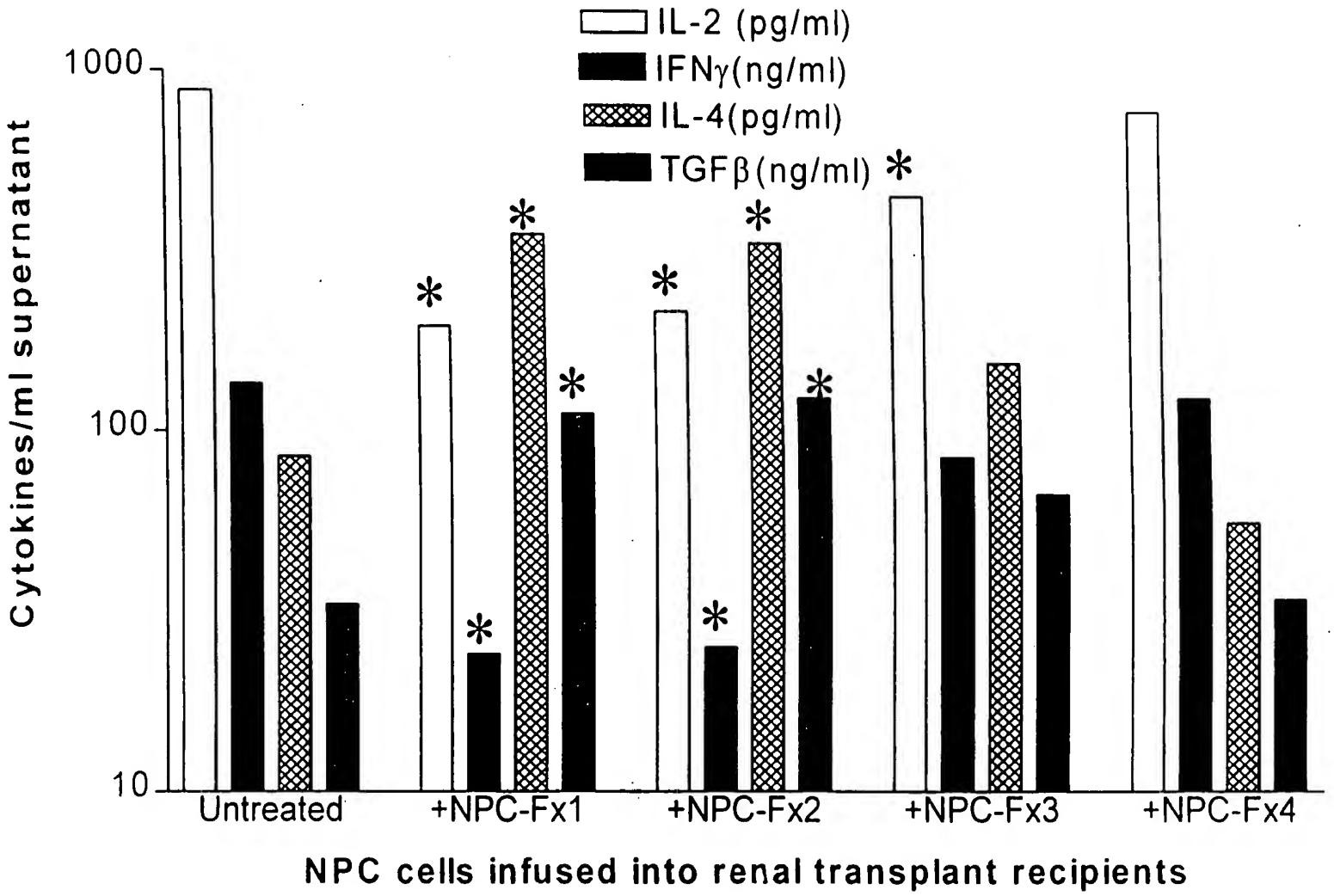


FIGURE 15

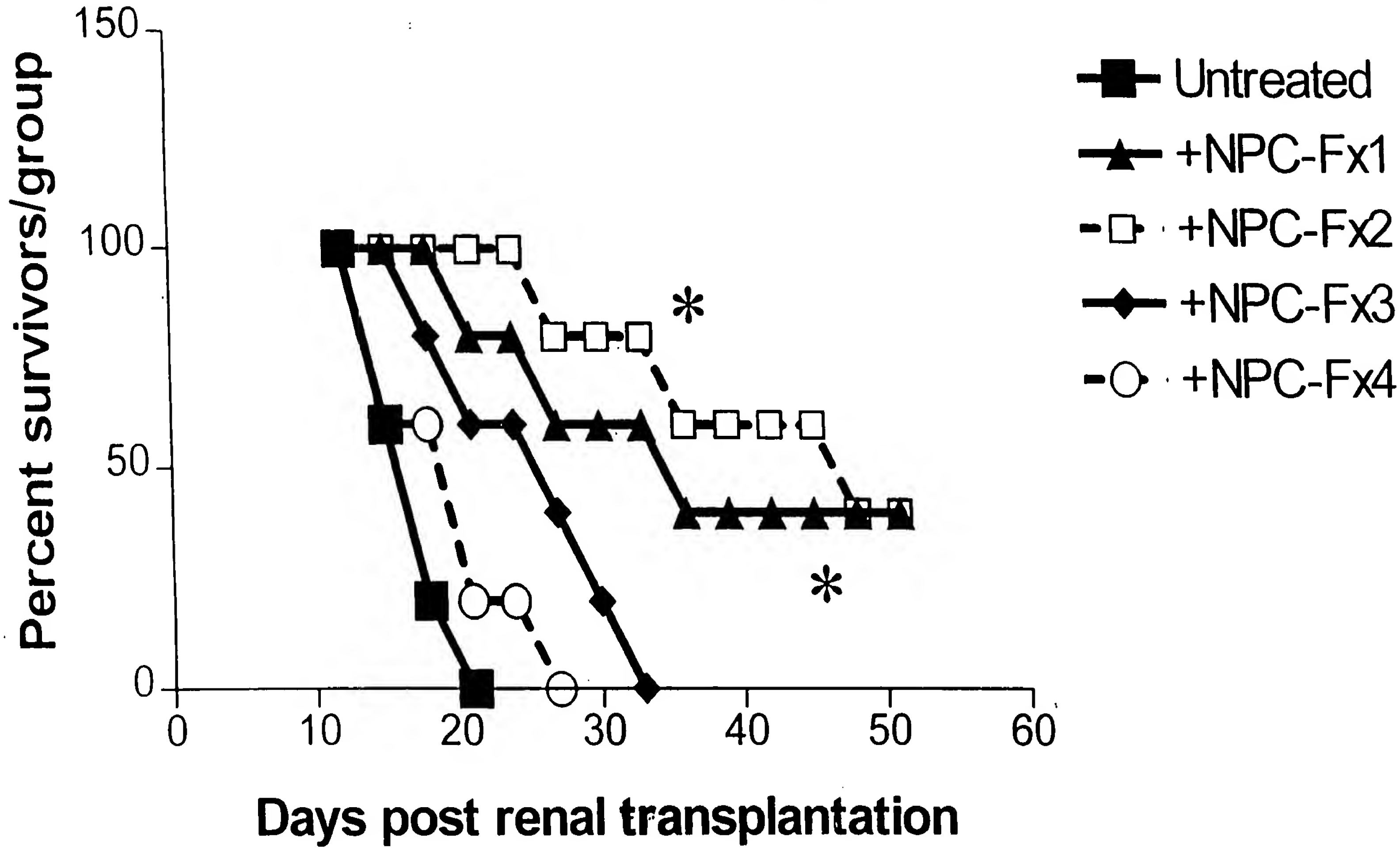


FIGURE 16

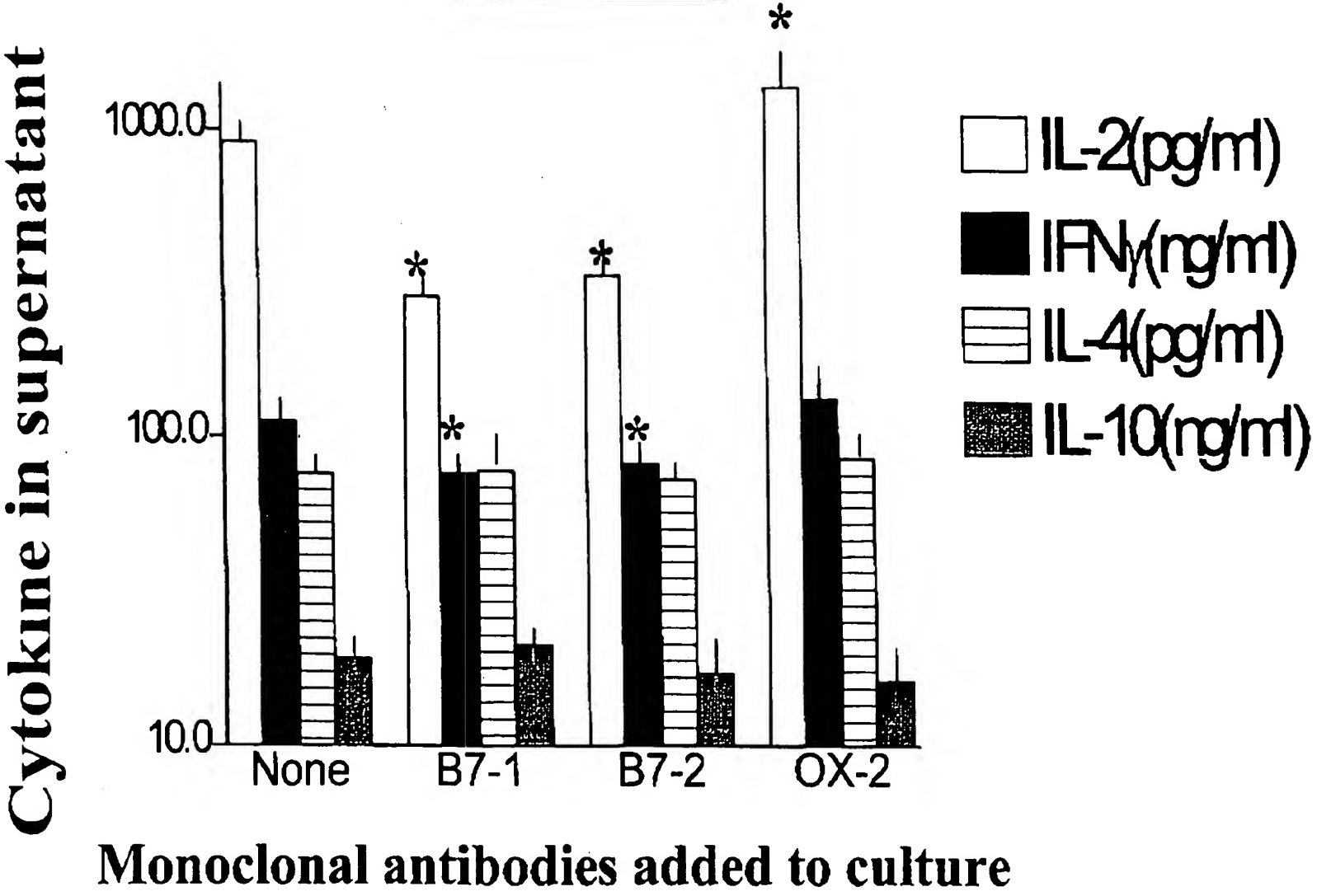


FIGURE 17

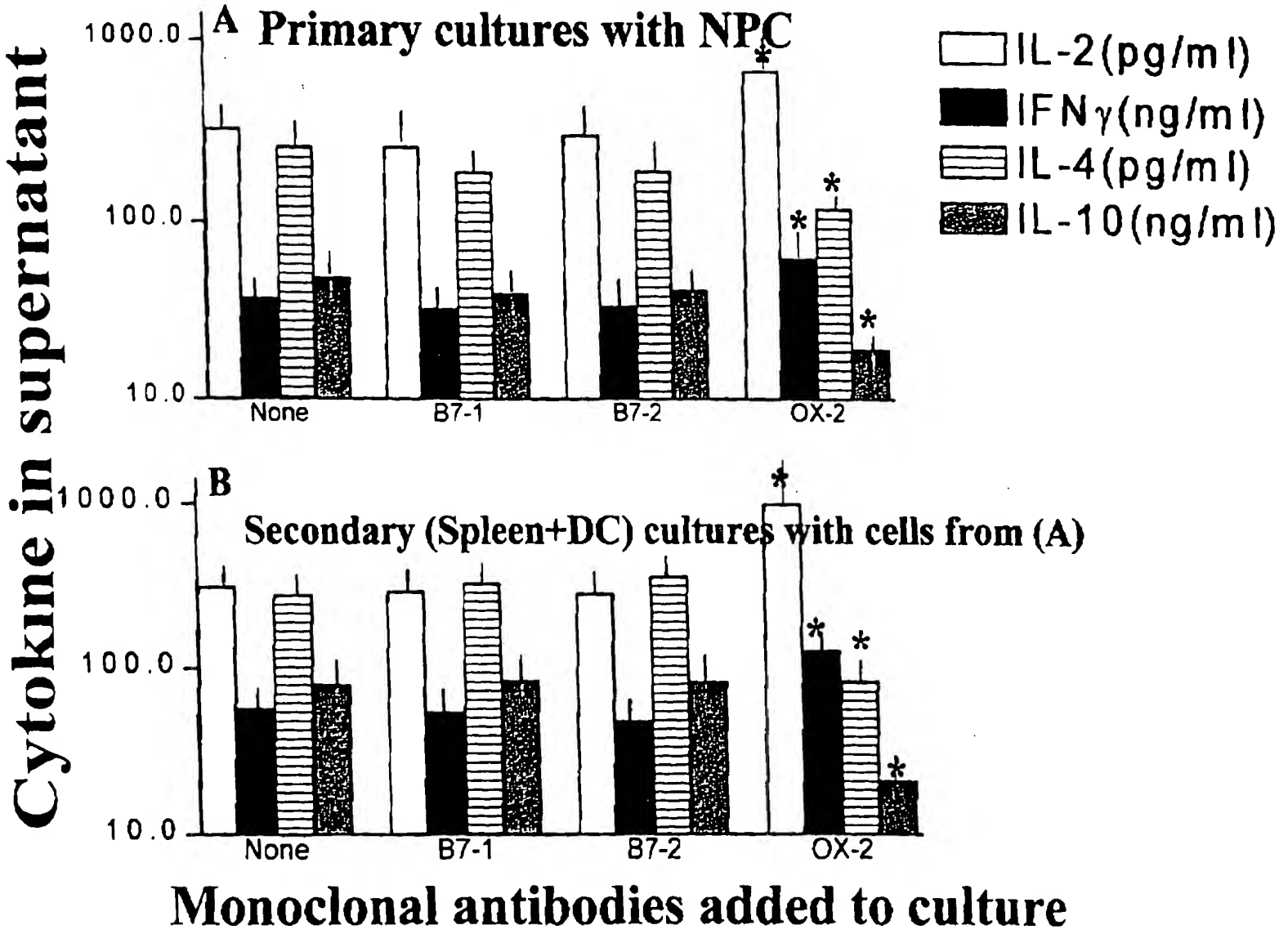


FIGURE 18A

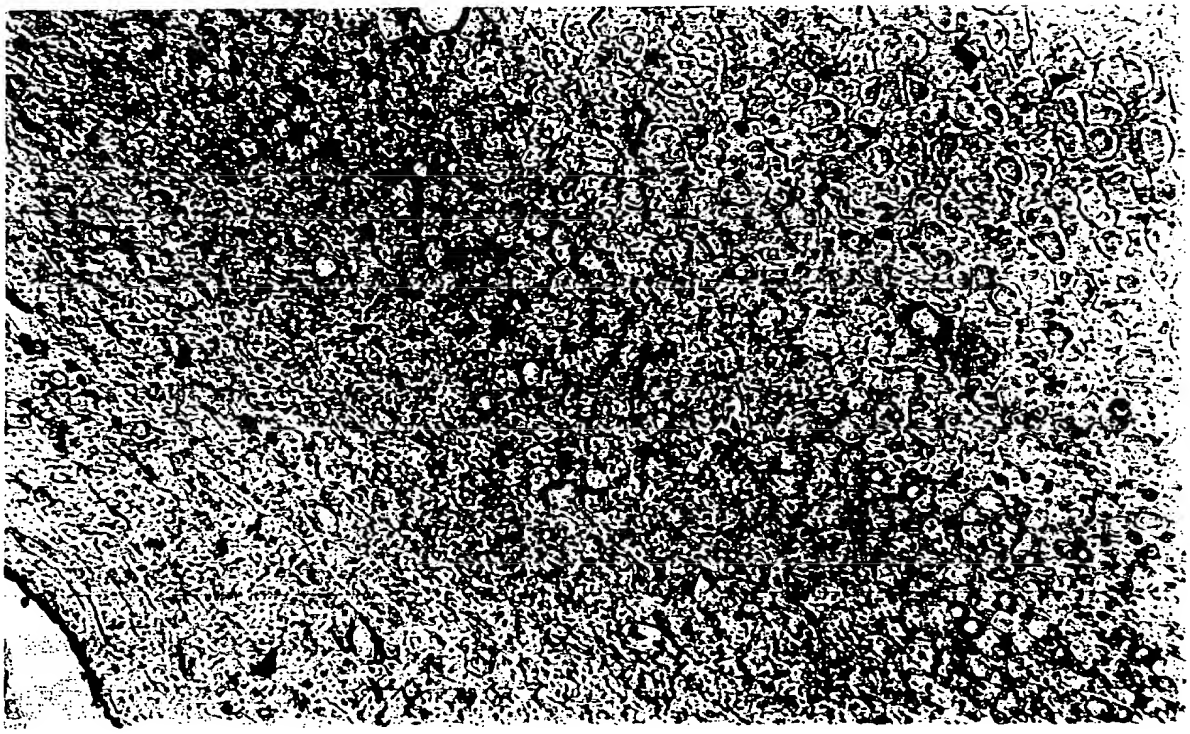


FIGURE 18B

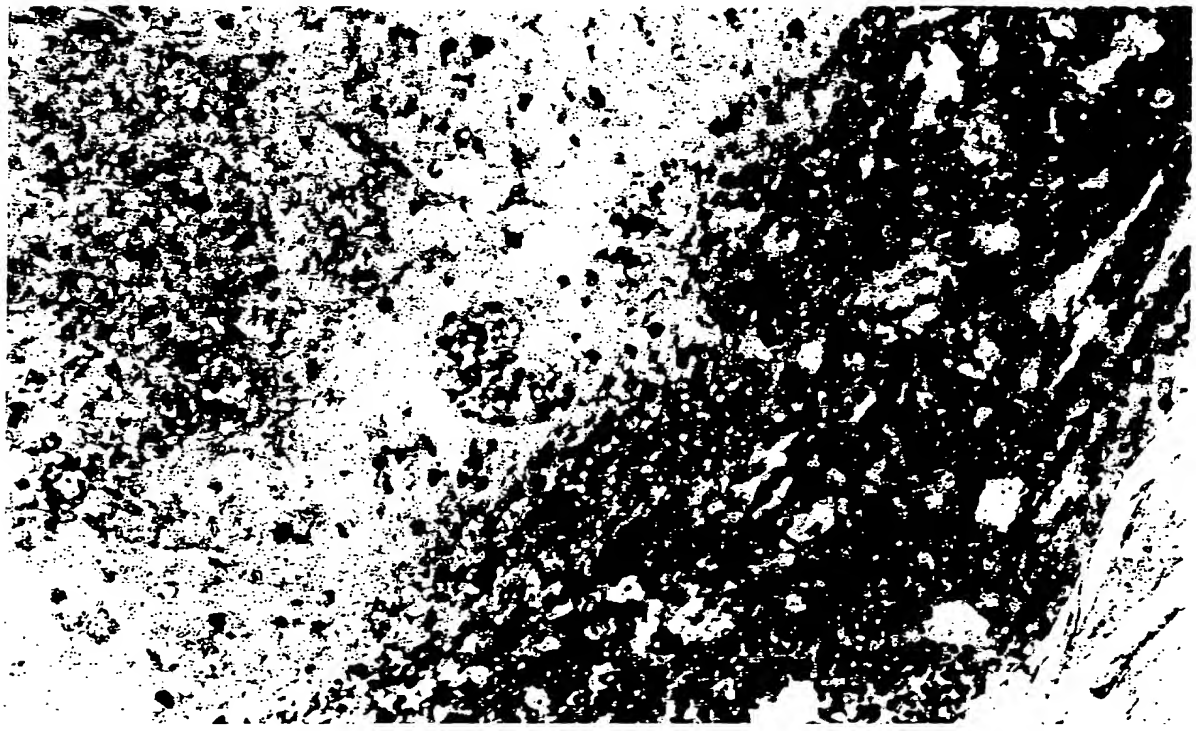


FIGURE 19

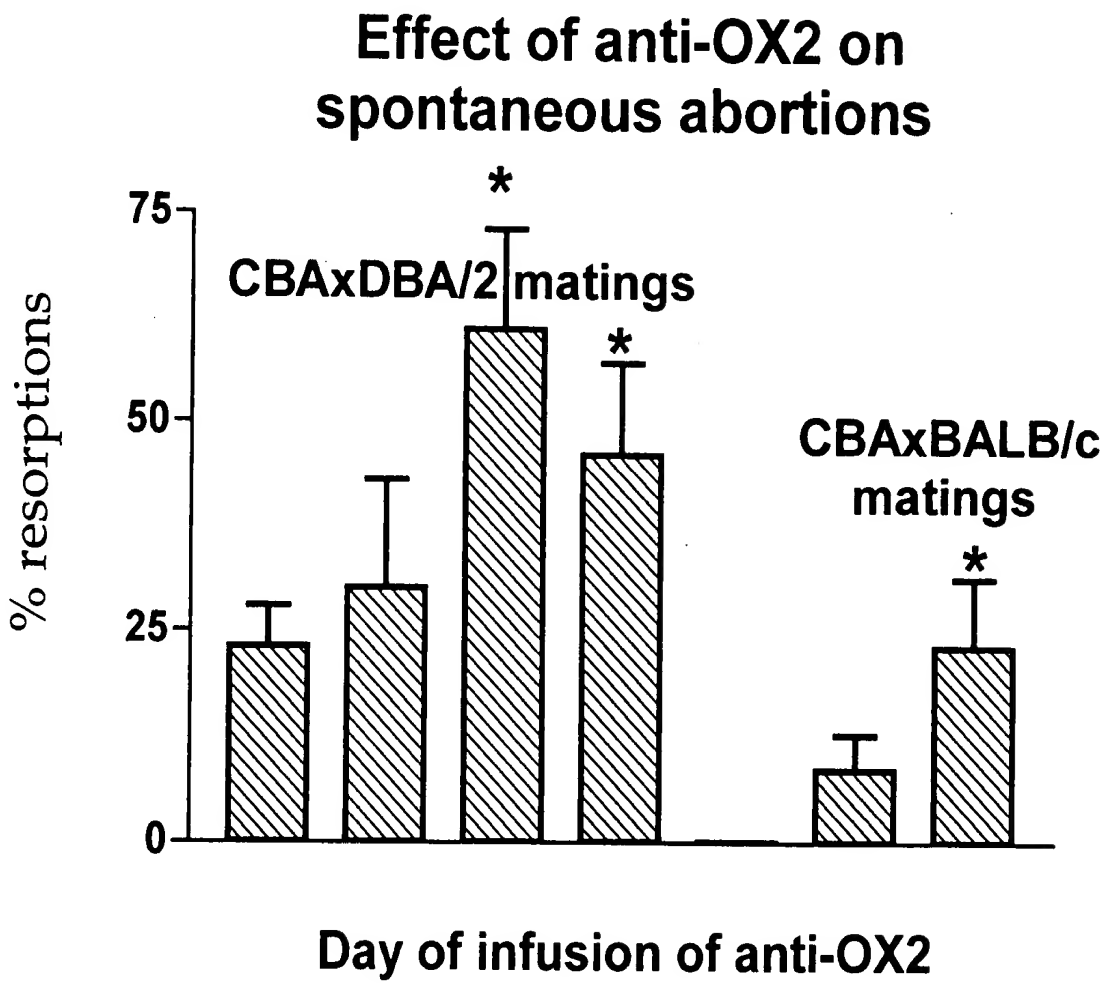


FIGURE 20

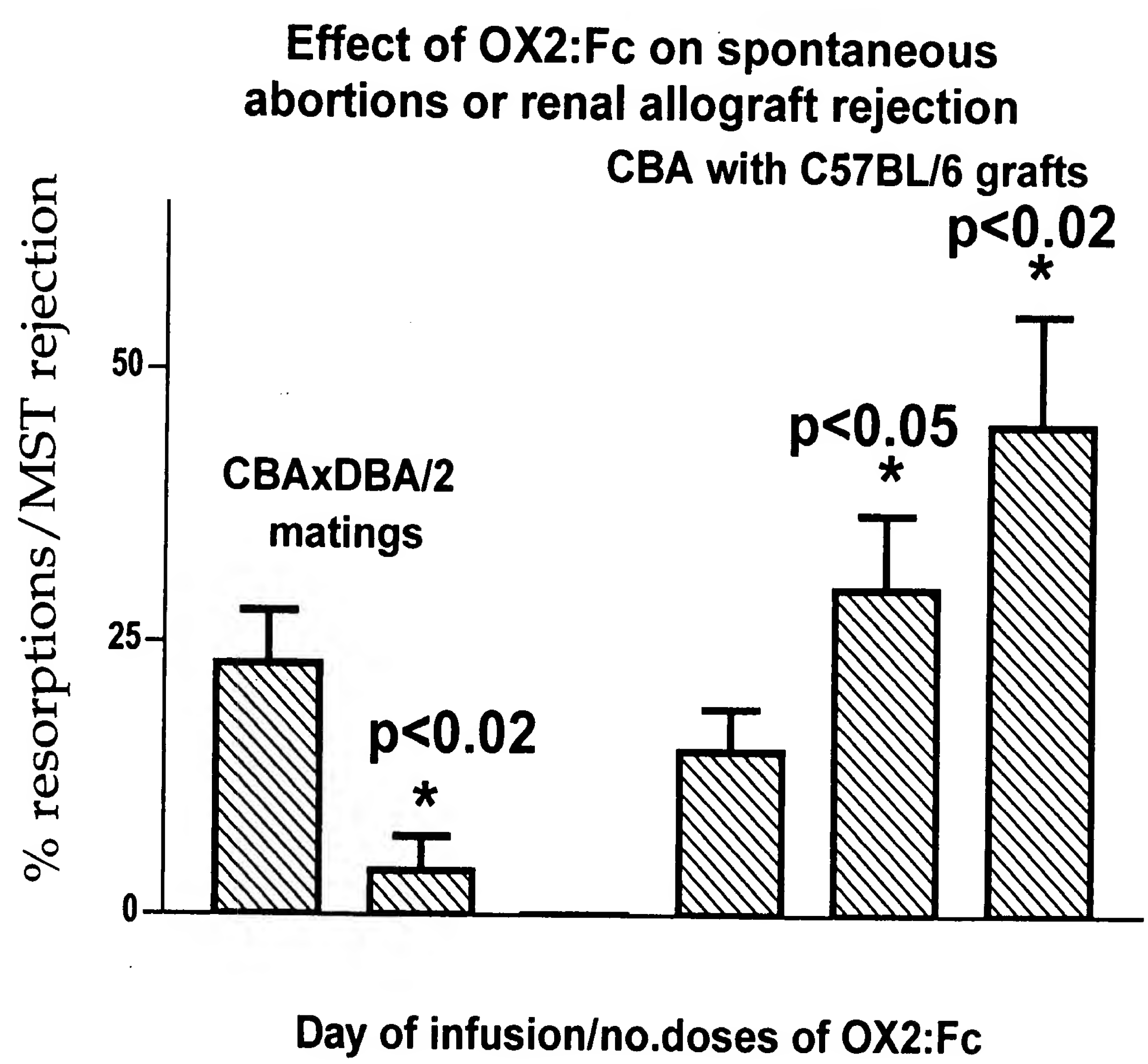


FIGURE 21

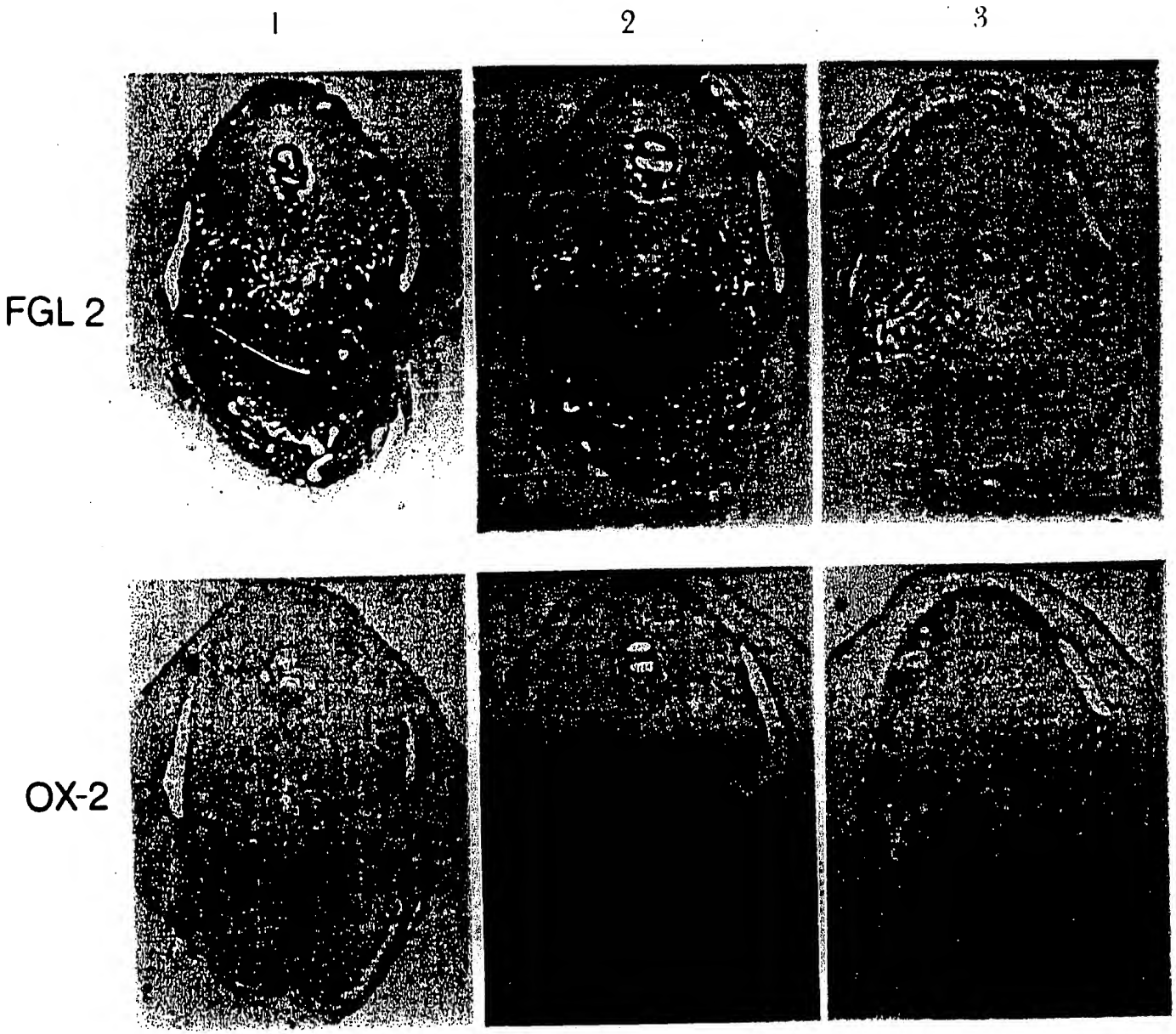
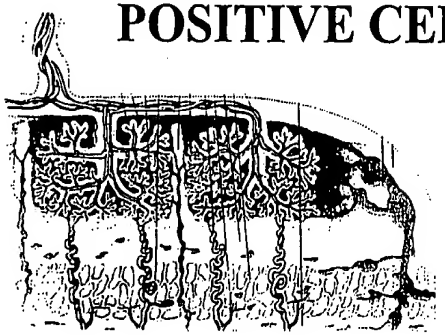
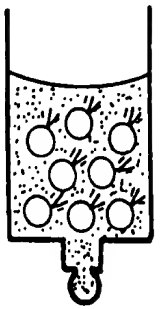


FIGURE 22

EXPRESSION OF OX-2 ON CYTOKERATIN-POSITIVE CELLS (TROPHOBLAST)



TERM PLACENTA
SUCCESSFUL GRAFT
↓
TROPHOBLAST CELL SUSPENSION
↓
ANTI-CD 9
↓



↙ ↘
CD 9⁻ TROPHOBLAST CD 9⁺ STROMA

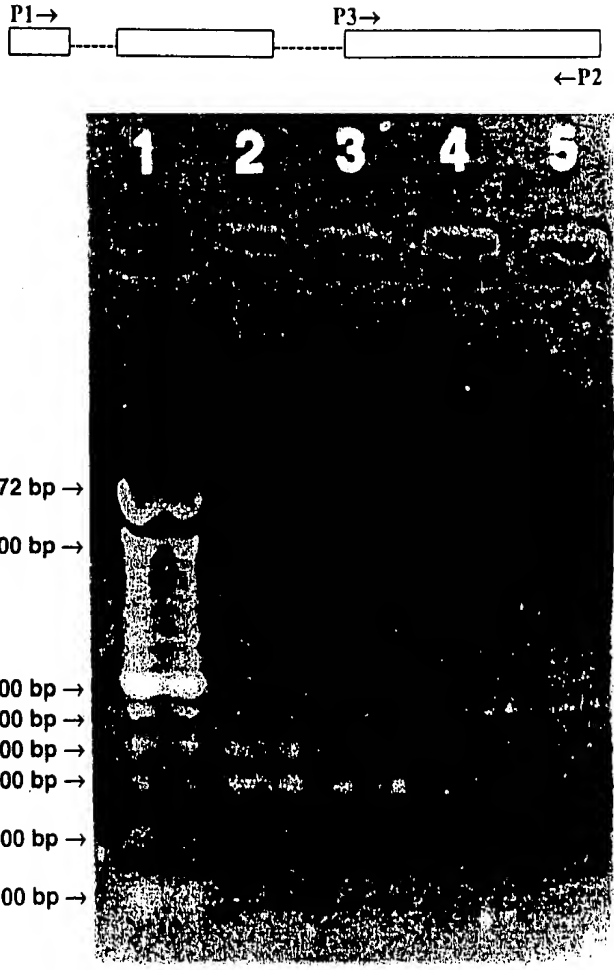


FIGURE 23

EXPRESSION OF OX-2 ON CYTOKERATIN-POSITIVE CELLS (TROPHOBLAST)